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1	US 20050047517 A1	20050303	38	Adaptive modulation for multi-antenna transmissions with partial channel knowledge	375/267
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3	US 20050009476 A1	20050113	35	Virtual MIMO transmitters, receivers, systems and methods	455/101
4	US 20040246998 A1	20041209	25	Physical layer structures and initial access schemes in a unsynchronized communication network	370/527
5	US 20040190603 A1	20040930	17	Space time transmit diversity for TDD/WCDMA systems	375/148
6	US 20040101032 A1	20040527	19	Space time transmit diversity for TDD/WCDMA systems	375/143
7	US 20040082356 A1	20040429	85	MIMO WLAN system	455/522
8	US 20040071199 A1	20040415	25	Virtual finger method and apparatus for processing digital communication signals	375/150
9	US 20040071104 A1	20040415	57	Multi-mode method and apparatus for performing digital modulation and demodulation	370/320
10	US 20040047405 A1	20040311	46	Flexible method and apparatus for performing digital modulation and demodulation	375/219
11	US 20040042536 A1	20040304	21	Method and apparatus for demodulating signals processed in a transmit diversity mode	375/150
12	US 20040028121 A1	20040212	60	Receiver processing systems	375/144
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3	455/129; 455/575.7	Wu, Shiquan et al.
4	370/478	Ma, Jianglei et al.
5	375/152	Dabak, Anand G. et al.
6	375/152; 375/343; 375/347	Dabak, Anand G. et al.
7		Walton, J. Rodney et al.
8		Boesel, Robert W. et al.
9	370/208; 370/338; 370/342	Boesel, Robert W. et al.
10		Boesel, Robert W. et al.
11		Rowitch, Douglas Neal et al.
12	375/148	Fitton, Michael P.
13	370/342	Fitton, Michael Philip et al.

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15	US 20040004997 A1	20040108	25	Searching method and apparatus for processing digital communication signals	375/148
16	US 20040004995 A1	20040108	26	Buffering method and apparatus for processing digital communication signals	375/130
17	US 20030174686 A1	20030918	31	Method and apparatus for reducing inter-channel interference in a wireless communication system	370/342
18	US 20030174676 A1	20030918	31	Method and apparatus for reducing inter-channel interference in a wireless communication system employing a non-periodic interleaver	370/335
19	US 20030174675 A1	20030918	32	Method and apparatus for reducing interference in a wireless communication system	370/335
20	US 20030147343 A1	20030807	16	Linear space-time block code with block STTD structure	370/209
21	US 20030144495 A1	20030731	49	Drosophila recombination-associated protein and methods for use	536/23.2
22	US 20030081658 A1	20030501	12	Channel code decoding for the CDMA forward link	375/147
23	US 20030043887 A1	20030306	29	Communication system and methods of estimating channel impulse responses therein	375/144
24	US 20030035490 A1	20030220	10	Method for multiple antenna transmission using partial channel knowledge	375/267
25	US 20030012299 A1	20030116	20	Non-zero complex weighted space-time code for multiple antenna transmission	375/299

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15	375/150; 375/343	Boesel, Robert W. et al.
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17	370/335; 370/441	Willenegger, Serge et al.
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19	370/342; 375/140	Willenegger, Serge et al.
20	370/206; 375/130	Onggosanusi, Eko N. et al.
21		Eisen, Andrew
22		Messier, Geoffrey G. et al.
23		Hudson, John E.
24		Gollamudi, Sridhar
25		Kuchi, Kiran et al.

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26	US 20020186779 A1	20021212	9	Method for multiple antenna transmission	375/267
27	US 20020176485 A1	20021128	21	Multi-cast communication system and method of estimating channel impulse responses therein	375/144
28	US 20020172293 A1	20021121	20	Non-zero complex weighted space-time code for multiple antenna transmission	375/267
29	US 20020154715 A1	20021024	17	Method and apparatus for frequency tracking in a space time transmit diversity receiver	375/347
30	US 20020122381 A1	20020905	19	Channels estimation for multiple input - multiple output, orthogonal frequency division multiplexing (OFDM) system	370/208
31	US 20020106008 A1	20020808	16	Receiver architecture for transmit diversity in CDMA system	375/148
32	US 6858716 B2	20050222	49	Drosophila recombination-associated protein and methods for use	536/23.1
33	US 6850481 B2	20050201	18	Channels estimation for multiple input--multiple output, orthogonal frequency division multiplexing (OFDM) system	370/208
34	US 6830910 B1	20041214	48	Drosophila recombination-associated protein and methods for use	435/194
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26	455/101	Gollamudi, Sridhar
27	375/260; 375/340	Hudson, John E.
28		Kuchi, Kiran et al.
29		Jin, Xin et al.
30	370/210	Wu, Shiquan et al.
31		Guey, Jiann-Ching
32	435/320.1	Eisen; Andrew
33	370/210	Wu; Shiquan et al.
34	435/15; 435/183; 435/233; 435/440; 435/455; 435/471; 435/477; 435/91.1; 530/350; 530/358; 536/23.1; 536/23.2; 536/23.5; 536/24.5; 536/25.3	Eisen; Andrew
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36	US 6775260 B1	20040810	17	Space time transmit diversity for TDD/WCDMA systems	370/342
37	US 6754253 B2	20040622	15	Receiver architecture for transmit diversity in CDMA system	375/148
38	US 6748024 B2	20040608	21	Non-zero complex weighted space-time code for multiple antenna transmission	375/299
39	US 6650694 B1	20031118	42	Correlator co-processor for CDMA RAKE receiver operations	375/150
40	US 6628702 B1	20030930	20	Method and apparatus for demodulating signals processed in a transmit diversity mode	375/150
41	US 6534643 B1	20030318	48	Drosophila recombination-associated protein and methods for use	536/23.5
42	US 20020154715 A	20021024	17	Frequency error estimate calculating method in wireless user equipment e.g. cellular phones, involves calculating correlation function between total sum functions of space time transmit diversity signal symbol sequences	

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<b>38</b>	375/267; 455/101	Kuchi; Kiran et al.
<b>39</b>	370/342	Brown; Katherine G. et al.
<b>40</b>	375/148	Rowitch; Douglas Neal et al.
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<b>42</b>		FU, R et al.